



Westinghouse
Hanford Company

START

0014759

P.O. Box 1970 Richland, WA 99352

June 14, 1991

9154372

Mr. K. W. Bracken, Director
Waste Management Division
U.S. Department of Energy
Richland Operations Office
Richland, Washington 99352

Dear Mr. Bracken:

GROUT MONTHLY STATUS REPORT FOR WASHINGTON STATE DEPARTMENT OF ECOLOGY

Attached is the Grout Monthly Status Report for May. This report is to be transmitted to Washington State Department of Ecology with the enclosed transmittal letter.

Very truly yours,

J. L. Epstein, Manager
Grout Facilities
Defense Waste Remediation Division

mrs

Attachments 2

DOE-RL - C. E. Clark
J. L. Daily
R. O. Puthoff (w/o attachment)
S. H. Wisness

S&WE - J. D. King
T. J. Woebkenberg





Department of Energy

Richland Operations Office
P.O. Box 550
Richland, Washington 99352

Mr. Paul T. Day
Hanford Project Manager
U.S. Environmental Protection Agency Region 0
712 Swift Boulevard, Suite 5
Richland, Washington 99352

Mr. Timothy L. Nord
Hanford Project Manager
State of Washington
Department of Ecology
Mail Stop PV-11
Olympia, Washington 98504-8711

Dear Messrs. Day and Nord:

GROUT MONTHLY STATUS REPORT FOR WASHINGTON STATE DEPARTMENT OF ECOLOGY

Attached is the Grout Monthly Status Report for May.

Sincerely,

Steven H. Wisness
Hanford Project Manager

Attachment
Grout Monthly Status

cc: T. B. Veneziano
R. F. Wood

GROUT MONTHLY STATUS REPORT FOR WASHINGTON STATE DEPARTMENT OF ECOLOGY

FINAL SAFETY ANALYSIS REPORT (FSAR)

- Department of Energy (DOE) is continuing the review for the Revision "A" of the FSAR. Open items are planned to be closed during June in preparation for the functional review of Revision "O" later this summer.

DRY MATERIAL FACILITY READINESS

- Inventoried the parts for the blender bypass modification which will provide an alternate path for discharging an out of specification batch. Two weld neck flanges and the quick disconnect fitting were missing. They are being ordered.

PART B PERMIT

- A management review of the Grout Facility Part B Permit Application was completed May 14, 1991, to verify the accuracy and completeness of the document. Planned application submittal to Ecology is expected in mid September 1991.

PHOSPHATE/SULFATE WASTE (PSW) VAULT

- The core sampling test plan has been routed for approval.
- The PSW vault coring is expected to commence the week of June 24, 1991. The test plan is prepared and the required Job Control System documentation is being prepared. Test cores will be extracted from the nonradioactive ATP tank in mid-June in preparation to finalizing methods for coring the PSW vault.

GROUT SAMPLING PLAN

- WHC comments were returned to Westinghouse Environmental and Geotechnical Services on the first section of the sampling plan, "Sampling Points."

PROJECT TANK 104-AP UPGRADES

- Reviewed Kaiser Engineers resolution of electrical and instrumentation comments on the design of Tank AP-104 Upgrades and found them acceptable.
- Design will complete one month behind schedule.

PROJECT B-714

- Progress on Project B-714, Grout Disposal Vaults 102-105, has been hampered during the period, due to difficulties with applying the asphalt coating within the vaults. Based on field tests, the interior walls will have to be sacked to achieve a coating application that is acceptable. This issue was presented at the May 30, 1991, Unit Managers Meeting in Seattle.

PROJECT W-089

- Bids submitted for the design, fabrication and delivery of the Project W-089, Grout Vault Ventilation System, has been completed. KEH procurement is in the process of reconciling inconsistencies with the proposals before a contract can be awarded. Additional CENRTC funding is also needed from Grout Facilities to support Procurement contract.

VAULT EXCESS LIQUID AND LEACHATE REMOVAL SYSTEM

- A draft plan has been completed to document the methods to be pursued to remove excess liquid from the grout vaults.

VAULT EXHAUSTERS

- Alternate vault exhausters from existing equipment are being investigated. It may be possible to modify surplus exhauster equipment for use on the vaults.

GROUT FORMULATION

- The criteria document, "Grout Formulation Material Specification," WHC-SD-WM-CSD-003, was issued for final review on May 17, 1991.
- Two letters were issued to Oak Ridge National Laboratory reaffirming the agreed to schedule and activities for their grout reformulation work.

GROUT PROGRAM BASELINE

- The Tri-Party Agreement change request negotiations have concluded and a 27-month delay to the interim and major milestones are planned. A program change request package is being assembled including red-lined level 2/3 program baseline schedules, marked up Cost Account Authorizations, and updated Activity Data Sheets.

VERIFICATION OF GROUT PERFORMANCE

- Ecology has expressed its willingness to evaluate nondestructive techniques for verification of grout performance. Therefore, technical conversations were initiated with the University of California-Davis, Department of Electrical Engineering and Computer Science.

WASTE TRANSFER

- A meeting was held on April 26, 1991 to detail status of actions for the transfer of 241-AN-106 concentrated phosphate waste to the 241-AP-102 Grout feed tank. Work packages have been prepared for all work and transfer should be able to occur in late June 1991.

CORRESPONDENCE DISTRIBUTION COVERSHEET


Author	Addressee	Correspondence No.
R. F. Wood, 3-4731	K. W. Bracken, DOE-RL	9154372

Subject: GROUT MONTHLY STATUS REPORT FOR WASHINGTON STATE DEPARTMENT OF ECOLOGY

INTERNAL DISTRIBUTION

Approval	Date	Name	Location	w/att
		Correspondence Control	R1-03	X
		President's Office	B3-01	X
		R. J. Bliss	R3-04	X
		J. S. Hill	H4-57	X
		D. J. Newland	R2-28	X
		S. M. Price	H4-57	X
		J. H. Roecker	R2-28	X
		T. B. Veneziano	B2-35	X
		J. A. Voogd	R4-03	X
		G. F. Williamson	R4-01	X
		R. F. Wood	R4-01	X
		GFW File/LB	R4-01	X

XTBU by telcom 6/14/91

X  6/14/91